

COPY OF PAPERS  
ORIGINALLY FILEDOrganization Applicant  
-----

Street : 14785 Omicron Drive, Suite 101  
City : San Antonio  
State : Texas  
Country : USA  
PostalCode : 78245  
PhoneNumber : 210.677.8529  
FaxNumber : 210.677.8842  
EmailAddress :

&lt;110&gt; OrganizationName : GeneTex, Inc.

Application Project  
-----

<120> Title : Detection of Estrogen Receptor-B and Methods for Dia  
gnosis and Classification of Cancer  
<130> AppFileReference : GNTX-00100  
<140> CurrentAppNumber : US 09/879,746  
<141> CurrentFilingDate : 2001-06-11

Earlier Applications  
-----

<150> PriorAppNumber : 60/211,234  
<151> PriorFilingDate : 2000-06-12

Sequence  
-----

<213> OrganismName : Human  
<400> PreSequenceString :  
ctggatccat ggatataaaa aactcaccat c  
31  
<212> Type : DNA  
<211> Length : 31  
SequenceName : GNTX00100 Word Sequencel DNA  
SequenceDescription :

Custom Codon  
-----

Sequence Name : GNTX00100 Word Sequencel DNA

Sequence  
-----

<213> OrganismName : Human  
<400> PreSequenceString :  
gcgtcgactg agcatccctc tttgaacctg gac  
33  
<212> Type : DNA  
<211> Length : 33

SequenceName : GNTX00100 Word Sequence2 DNA  
SequenceDescription :

Custom Codon  
-----

Sequence Name : GNTX00100 Word Sequence2 DNA

Sequence  
-----

<213> OrganismName : Human

<400> PreSequenceString :

LLMLLSHVRH ASNKGMEHLL NMKCKNVVPV YDLLLEMLNA HVLRGCKSSI TGSECSPAED

60

SKSKEGSQNP, QSQ

73

<212> Type : PRT

<211> Length : 73

SequenceName : GNTX00100 Word Sequence3 AA

SequenceDescription :

Sequence  
-----

<213> OrganismName : Human

<400> PreSequenceString :

LLMLLSHVRH ARAEKASQTL TSFGMKMETL LPEATMEQ

38

<212> Type : PRT

<211> Length : 38

SequenceName : GNTX00100 Word Sequence4 AA

SequenceDescription :

Sequence  
-----

<213> OrganismName : Human

<400> PreSequenceString :

LLMLLSHVRH ASSLSLSWRL FMLREASCHG VRQTPGGAHM SVSRRSFEA CQQPRE

56

<212> Type : PRT

<211> Length : 56

SequenceName : GNTX00100 Word Sequence5 AA

SequenceDescription :

Sequence  
-----

<213> OrganismName : Human

<400> PreSequenceString :

LLMLLSHVRH ARWGEKQFIH LKLS

24

&lt;212&gt; Type : PRT

&lt;211&gt; Length : 24

SequenceName : GNTX00100 Word Sequence6 AA

SequenceDescription :

Sequence

&lt;213&gt; OrganismName : Human

&lt;400&gt; PreSequenceString :

LLMLLSHVRH ARYAP

15

&lt;212&gt; Type : PRT

&lt;211&gt; Length : 15

SequenceName : GNTX00100 Word Sequence7 AA

SequenceDescription :

Sequence

&lt;213&gt; OrganismName : Human

&lt;400&gt; PreSequenceString :

LLMLLSHVRH ARAEKASQTL TSFGMKMETL LPEATMEQ

38

&lt;212&gt; Type : PRT

&lt;211&gt; Length : 38

SequenceName : GNTX00100 Word Sequence8 AA

SequenceDescription :



COPY OF PAPERS  
ORIGINALLY FILED

---

SEQUENCE LISTING

<110> Genentech, Inc.

<120> Detection of Estrogen Receptor-B and Methods for Diagnosis and Classification of Cancer

<130> GNTX-00100

<140> US 09/879,746

<141> 2001-06-11

<150> 60/211,234

<151> 2000-06-12

<160> 8

<170> PatentIn version 3.1

<210> 1

<211> 31

<212> DNA

<213> Human

<400> 1

ctggatccat ggatataaaa aactcacat c  
31

<210> 2

<211> 33

<212> DNA

<213> Human

<400> 2

gcgtcgactg agcatccctc tttgaacctg gac  
33

<210> 3

<211> 73

<212> PRT

<213> Human

<400> 3

Leu	Leu	Met	Leu	Leu	Ser	His	Val	Arg	His	Ala	Ser	Asn	Lys	Gly	Met
1				5					10					15	

Glu His Leu Leu Asn Met Lys Cys Lys Asn Val Val Pro Val Tyr Asp  
                   20                                  25                                  30

Leu Leu Leu Glu Met Leu Asn Ala His Val Leu Arg Gly Cys Lys Ser  
           35                                  40                                  45

Ser Ile Thr Gly Ser Glu Cys Ser Pro Ala Glu Asp Ser Lys Ser Lys  
       50                                  55                                  60

Glu Gly Ser Gln Asn Pro Gln Ser Gln  
   65                                  70

<210> 4  
 <211> 38  
 <212> PRT  
 <213> Human

<400> 4

Leu Leu Met Leu Leu Ser His Val Arg His Ala Arg Ala Glu Lys Ala  
   1                                  5                                  10                                  15

Ser Gln Thr Leu Thr Ser Phe Gly Met Lys Met Glu Thr Leu Leu Pro  
           20                                  25                                  30

Glu Ala Thr Met Glu Gln  
       35

<210> 5  
 <211> 56  
 <212> PRT  
 <213> Human

<400> 5

Leu Leu Met Leu Leu Ser His Val Arg His Ala Ser Ser Leu Ser Leu  
   1                                  5                                  10                                  15

Ser Trp Arg Leu Phe Met Leu Arg Glu Ala Ser Cys His Gly Val Arg  
                   20                                  25                                  30

Gln Thr Pro Gly Gly Ala His Met Ser Val Ser Arg Ser Arg Ser Phe  
           35                                  40                                  45

Glu Ala Cys Gln Gln Pro Arg Glu  
       50                                  55

<210> 6  
 <211> 24  
 <212> PRT  
 <213> Human

<400> 6

Leu Leu Met Leu Leu Ser His Val Arg His Ala Arg Trp Gly Glu Lys  
 1                  5                                  10                                  15

Gln Phe Ile His Leu Lys Leu Ser  
                   20

<210> 7  
 <211> 15  
 <212> PRT  
 <213> Human

<400> 7

Leu Leu Met Leu Leu Ser His Val Arg His Ala Arg Tyr Ala Pro  
 1                  5                                  10                                  15

<210> 8  
 <211> 38  
 <212> PRT  
 <213> Human

<400> 8

Leu Leu Met Leu Leu Ser His Val Arg His Ala Arg Ala Glu Lys Ala  
 1                  5                                  10                                  15

Ser Gln Thr Leu Thr Ser Phe Gly Met Lys Met Glu Thr Leu Leu Pro  
20 25 30

Glu Ala Thr Met Glu Gln  
35